IN THE UNITED STATES PATENT & TRADEMARK OFFICE

MAR 2 1 2006

Application No

09/554,414

Title

DNA Demethylase, Therapeutic and Diagnostic Uses Thereof

Applicant

Moshe SZYF, et al.

Filed

September 6, 2000

Confirmation No.:

9016

Art Unit

1652

Examiner

M. Walicka

Docket No.

038630.48896

Customer No.

23911

REPLY TO FINAL OFFICE ACTION

Mail Stop: AF

Commissioner for Patents

P. O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

This Reply is accompanied by a Petition under 37 C.F.R.§1.136(a) for a one-month extension of time including an authorization to charge counsel's deposit account the amount of \$60.00 in payment of the required extension fee for a small entity applicant.

In response to the Final Office Action mailed November 23, 2005, kindly amend the aboveidentified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 3 of this paper.

CERTIFICATE OF FACSIMILE TRANSMISSION

The undersigned hereby certifies that this Reply to Final Office Action together with the accompanying Petition for a one-month extension of time are being transmitted to the U.S. Patent and Trademark Office by facsimile transmission to (571) 273-8300 this 21st day of March 2006.